

Appl. No. 10/708,304
Reply dated 28 November 2007
Reply to Office Action mailed 28 June 2007

AMENDMENTS TO THE CLAIMS

Claim 1 (cancelled).

Claim 2 (cancelled).

Claim 3 (cancelled).

Claim 4 (presently amended) A body force alarming apparatus ~~of claim 1 further comprised of~~
comprising:

a housing;

a power supply;

a piezo sensor;

a controller;

an output generator; and

a microcontroller;

wherein said piezo sensor is accommodated within a user's shoe and connected to said
controller;

wherein said piezo sensor, controller and said output generator are connected to said
power supply;

wherein said controller, output generator and power supply are accommodated within
said housing;

wherein said controller is connected to said output generator,

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wherein said controller is set to generate a signal to the output generator when a threshold level of force signal is received from said piezo sensor;

wherein said sensor signals said controller when force from an impact is applied to said piezo sensor; and

wherein said controller signals said output generator when one or more signals indicating threshold levels of force have been reached; and

wherein said output generator generates a perceivable signal in response to a signal from said controller and wherein said microcontroller, once activated by a user with a switch, performs the steps of:

recording one or more amounts of impact for a predetermined period of time;

averaging said amounts of impact recorded over said period of time; and

setting the controller's feedback threshold to an amount equal to the average value.

Claim 5 (presently amended) A body force alarming apparatus of claim 14, ~~further comprised of a microcontroller~~ wherein said microcontroller, once activated by a user with a switch, performs the steps of:

recording one or more amounts of impact for a predetermined period of time;

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averaging said amounts of impact recorded over said period of time; and

setting ~~the~~ said controller's feedback threshold to an amount above or below the average value.

Claim 6 (cancelled).

Claim 7 (cancelled).

Claim 8 (cancelled).

Claim 9 (cancelled).

Claim 10 (cancelled).

Claim 11 (cancelled).

Claim 12 (cancelled).

Claim 13 (cancelled).

Claim 14 (cancelled).

Claim 15 (cancelled).

Claim 16 (cancelled).

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Claim 17 (cancelled).

Claim 18 (cancelled).

Claim 19 (cancelled).

Claim 20 (cancelled).

Claim 21 (cancelled).

Claim 22 (cancelled).

Claim 23 (cancelled).

Claim 24 (cancelled).

Claim 25 (cancelled).

Claim 26 (cancelled).

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Claim 27 (presently amended) A body force alarming method ~~of claim 24~~, comprising the steps of:

setting a controller to generate a signal to an output generator when a threshold level of force signal is received from a piezo sensor;

signaling said controller with said sensor when an amount force from an impact is applied to said sensor;

signaling said output generator when one or more signals from said sensor indicate that one or more predetermined threshold levels of force have been sensed; and

generating a perceivable signal with said output generator in response to a signal from said controller wherein the steps are performed using an apparatus comprised of:

a housing;

a power supply;

said piezo sensor;

said controller;

said output generator; and

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a microcontroller;

wherein said piezo sensor is accommodated within a user's shoe and connected to said controller;

wherein said piezo sensor, controller, microcontroller and said output generator are connected to said power supply;

wherein said controller, output generator, microcontroller and power supply are accommodated within said housing; and

wherein said controller is connected to said output generator; and

~~wherein said apparatus is further comprised of a microcontroller~~ wherein said microcontroller, once activated by a user with a switch, performs the steps of:

recording one or more amounts of impact for a predetermined period of time;

averaging said amounts of impact recorded over said period of time; and

setting ~~the~~ said controller's feedback threshold to an amount equal to the average value.

Claim 28 (presently amended). A body force alarming method of claim 2427, wherein ~~said apparatus is further comprised of a microcontroller~~ wherein said microcontroller, once activated by a user with a switch, performs the steps of:

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recording one or more amounts of impact for a predetermined period of time;

averaging said amounts of impact recorded over said period of time; and

setting ~~the~~said controller's feedback threshold to an amount above or below the average value.

Claim 29 (cancelled).

Claim 30 (cancelled).

Claim 31 (cancelled).

Claim 32 (cancelled).

Claim 33 (cancelled).

Claim 34 (cancelled).

Claim 35 (cancelled).

Claim 36 (cancelled).

Claim 37 (cancelled).

Claim 38 (cancelled).

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Claim 30 (cancelled).

Claim 40 (cancelled).

Claim 41 (cancelled).

Claim 42 (cancelled).

Claim 43 (cancelled).

Claim 44 (cancelled).

Claim 45 (cancelled).

Claim 46 (cancelled).